

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Russell Reeve et al.

Confirmation No.: 4763

Serial No.: 10/691,103

Group Art Unit: 2857

Filed: October 22, 2003

Examiner: Mary Kate B. Baran

For: Methods, systems and computer programs for deconvolving the spectral contribution of chemical constituents with overlapping signals

Date: November 1, 2006

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

**AMENDMENT AND RESPONSE TO  
OFFICE ACTION DATED AUGUST 31, 2006**

Sir:

Responsive to the Office Action dated August 31, 2006, please amend the above-identified application as shown.

If any extension of time for the accompanying response or submission is required, Applicant requests that this be considered a petition therefor. The Commissioner is hereby authorized to charge any additional fee, which may be required, or credit any refund, to our Deposit Account No. 50-0220.

**Amendments to the Claims** are reflected in the listing of claims, which begins on page 2 of this document.

**Remarks** begin on page 19 of this document.